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UTILITY CONSTRUCTION

PREPARED IN THE OFFICE OF:



THE WOOTEN COMPANY

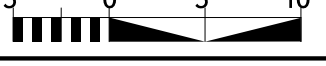
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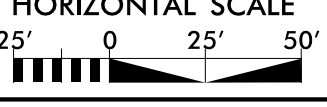
License Number: F-4015

VERTICAL SCALE



5' 0 5' 10'

HORIZONTAL SCALE



25' 0 25' 50'

ONLY WATER LINE CONSTRUCTION SHOWN ON THIS SHEET

PROJECT REFERENCE NO.

R-2514C

SHEET NO.

UC-3

DESIGNED BY: BJPO

DRAWN BY: TK

CHECKED BY: BJPO

APPROVED BY: MDS

REVISED:

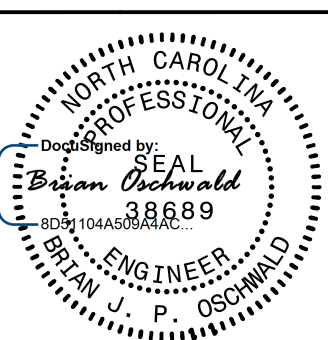
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

UTILITIES ENGINEERING SEC.

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2/3/2015

UTILITY CONSTRUCTION PLANS ONLY

NCDOT GENERAL NOTES:

1. THE EXISTING UTILITIES BELONG TO JONES COUNTY.

2. THE PROPOSED UTILITY CONSTRUCTION SHALL MEET THE APPLICABLE REQUIREMENTS OF THE NC DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES" DATED JANUARY 2012.

3. ALL WATER LINES TO BE INSTALLED WITHIN COMPLIANCE OF THE RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL AND NATURAL RESOURCES, DIVISION OF WATER RESOURCES, PUBLIC WATER SUPPLY SECTION. ALL SEWER LINES TO BE INSTALLED WITHIN COMPLIANCE OF THE RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES, DIVISION OF WATER RESOURCES, WATER QUALITY SECTION. PERFORM ALL WORK IN ACCORDANCE WITH THE APPLICABLE PLUMBING CODES.

4. THE UTILITY OWNER OWNS THE EXISTING UTILITY FACILITIES AND WILL OWN THE NEW UTILITY FACILITIES AFTER ACCEPTANCE BY THE DEPARTMENT AND THE UTILITY OWNER. THE DEPARTMENT OWNS THE CONSTRUCTION CONTRACT AND HAS ADMINISTRATIVE AUTHORITY. COMMUNICATIONS AND DECISIONS BETWEEN THE CONTRACTOR AND UTILITY OWNER ARE NOT BINDING UPON THE DEPARTMENT OR THIS CONTRACT UNLESS AUTHORIZED BY THE ENGINEER. AGREEMENTS BETWEEN THE UTILITY OWNER AND CONTRACTOR FOR THE WORK THAT IS NOT PART OF THIS CONTRACT OR IS SECONDARY TO THIS CONTRACT ARE ALLOWED, BUT ARE NOT BINDING UPON THE DEPARTMENT.

5. PROVIDE ACCESS FOR THE DEPARTMENT PERSONNEL AND THE OWNER'S REPRESENTATIVES TO ALL PHASES OF CONSTRUCTION. NOTIFY DEPARTMENT PERSONNEL AND THE UTILITY OWNER TWO WEEKS PRIOR TO COMMENCEMENT OF ANY WORK AND ONE WEEK PRIOR TO SERVICE INTERRUPTION. KEEP UTILITY OWNERS' REPRESENTATIVES INFORMED OF WORK PROGRESS AND PROVIDE OPPROTUNITY FOR INSPECTION OF CONSTRUCTION AND TESTING.

6. THE PLANS DEPICT THE BEST AVAILABLE INFORMATION FOR THE LOCATION, SIZE, AND TYPE OF MATERIAL FOR ALL EXISTING UTILITIES. MAKE INVESTIGATIONS FOR DETERMINING THE EXACT LOCATION, SIZE, AND TYPE MATERIAL OF THE EXISTING FACILITIES AS NECESSARY FOR THE CONSTRUCTION OF THE PROPOSED UTILITIES AND FOR AVOIDING DAMAGE TO EXISTING FACILITIES. REPAIR ANY DAMAGE INCURRED TO EXISTING FACILITIES TO THE ORIGINAL OR BETTER CONDITION AT NO ADDITONAL COST TO THE DEPARTMENT.

7. MAKE FINAL CONNECTIONS OF THE NEW WORK TO THE EXISTING SYSTEM WHERE INDICATED ON THE PLANS, AS REQUIRED TO FIT THE ACTUAL CONDITIONS, OR AS DIRECTED.

8. MAKE CONNECTIONS BETWEEN EXISTING AND PROPOSED UTILITIES AT TIMES MOST CONVENIENT TO THE PUBLIC, WITHOUT ENDANGERING THE UTILITY SERVICE, AND IN ACCORDANCE WITH THE UTILITY OWNER'S REQUIREMENTS. MAKE CONNECTIONS ON WEEKENDS, AT NIGHT, AND ON HOLIDAYS IF NECESSARY.

9. ALL UTILITY MATERIALS SHALL BE APPROVED PRIOR TO DELIVERY TO THE PROJECT. SEE 1500-7, " SUBMITTALS AND RECORDS" IN SECTION 1500 OF THE STANDARD SPECIFICATIONS.

TWC PROJECT GENERAL NOTES:

1. PROPOSED WATER LINE SHALL BE RJDI (RESTRAINED JOINT DUCTILE IRON) AS INDICATED ON THE CONSTRUCTION DRAWINGS. ALL WATER LINE INSTALLATION THROUGH ENCASEMENT PIPE SHALL BE RJDI AS SHOWN IN PROFILE.

2. CONTRACTOR'S ATTENTION IS DIRECTED TO SECTIONS 102, 107, AND 1550 OF THE STANDARD SPECIFICATIONS AND CONCERNING TRENCHLESS INSTALLATION. IT IS CONTRACTOR'S RESPONSIBILITY TO HAVE BORE DESIGNED AND SEALED BY A LICENSED NORTH CAROLINA PROFESSIONAL ENGINEER. NO DAMAGE IS ALLOWED TO RIVER, WETLANDS, OR BUFFER ZONES.

3. IF HDPE PIPE IS INSTALLED BY DIRECTIONAL DRILL, IT SHALL BE FILLED WITH WATER AND NOT BE CONNECTED TO ANY OTHER PIPE OR FITTINGS FOR ONE WEEK FROM THE TIME OF INSTALLATION.

5. 6 INCHES OF NCDOT ABC AGGREGATE SHALL BE PROVIDED FOR THE FULL WIDTH OF UNPAVED DRIVEWAYS AND OTHER GRAVEL AREAS FOR THE DISTURBED AREAS. CONTRACTOR SHALL MINIMIZE DISTURBANCE.

6. OPEN CUT PAVED AREAS, INCLUDING DRIVEWAYS, SIDEWALK, AND CURB AND GUTTER. OUTSIDE OF NCDOT ROAD CONSTRUCTION LIMITS, REPLACE PAVEMENT AND CURB AND GUTTER WITH NEW TO MATCH THE EXISTING CROSS SECTION.

7. CONTRACTOR SHALL USE CAUTION WHEN CROSSING EXISTING STORM SEWER, ESPECIALLY OLD STYLE RCP (BELL PIPE). CONTRACTOR IS RESPONSIBLE FOR REPAIRING OR REPLACING DAMAGE TO THESE FACILITIES AT NO ADDITIONAL COST TO THE OWNER.

8. ALL CONSTRUCTION AND TESTING SHALL BE PER NCDOT STANDARDS.

9. ANY SERVICE INTERRUPTED BY THE CONTRACTOR SHALL BE RETURNED TO SERVICE AS SOON AS POSSIBLE AND IN NO CASE BEYOND THE END OF THE WORKING DAY.

10. CONTRACTOR SHALL REMOVE ALL ABANDONED UTILITIES INCLUDING VALVES AND APPURTENANCES IN CONFLICT WITH THE PROPOSED IMPROVEMENTS. IF NOT IN CONFLICT, USE NCDOT STANDARDS SECTION 1530 FOR ABANDONING UTILITY.

12. CONTRACTOR SHALL ADJUST ALL REMAINING UTILITY COVERS TO MATCH PROPOSED GRADE PER NCDOT PLANS.

13. ALL PIPE INSTALLED IS PAID FOR BASED ON HORIZONTAL DISTANCE ONLY.

14. ALL FITTINGS, MARKERS, PLUGS, POLYETHYLENE WRAP, LININGS, AND OTHER APPURTENANCES ARE INCIDENTAL TO THE PIPE.

15. ALL EROSION CONTROL MEASURES TO BE PER NCDOT ROADWAY PLANS. ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO KEEP SEDIMENT ON SITE SHALL BE INSTALLED AT NO ADDITIONAL COST.

16. EXISTING CONDITIONS SURVEY AND PROPOSED ROADWAY PLANS PROVIDED TO THE WOOTEN COMPANY BY NCDOT, OCTOBER 20, 2014.

17. PROPOSED TELEPHONE AND FIBER OPTIC RELOCATION PLAN PROVIDED TO THE WOOTEN COMPANY BY RK & K, OCTOBER 20, 2014.

18. CONTRACTOR TO INSTALL ALL OPEN CUT WATER LINE USING A TYPE 4 EMBEDMENT DETAIL, FOUND ON SHEET UC-3A, WATER MAIN EMBEDMENT DETAIL.

19. WATER LINE TO BE INSTALLED NO CLOSER THAN 5'-0" FROM PARALLEL OVERHEAD AND UNDERGROUND UTILITIES.

UTILITY CONSTRUCTION